

Fig. 1: A conventional longitudinal recording disk medium (prior art).

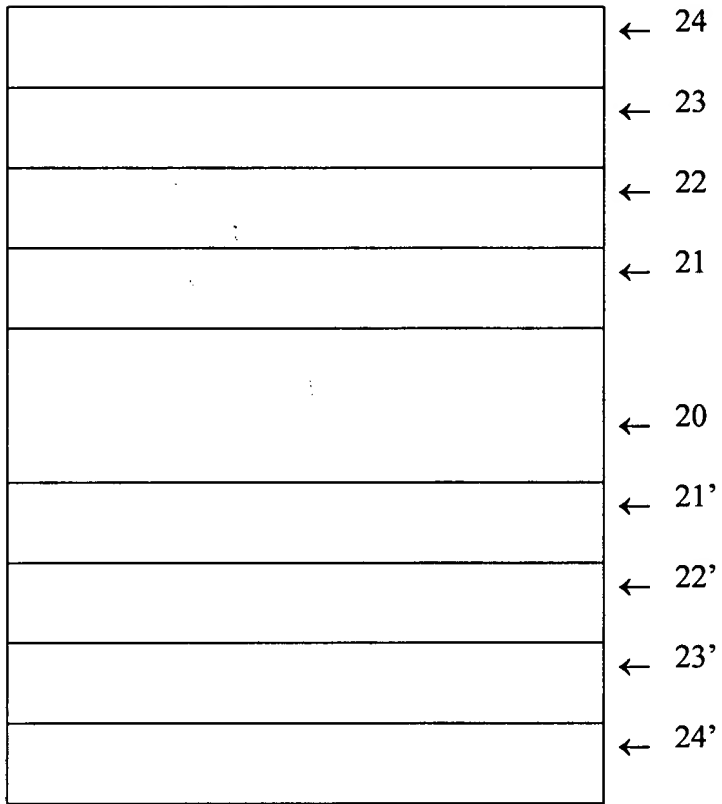


Fig. 2: A longitudinal or perpendicular recording disk medium in accordance with an embodiment of the present invention.

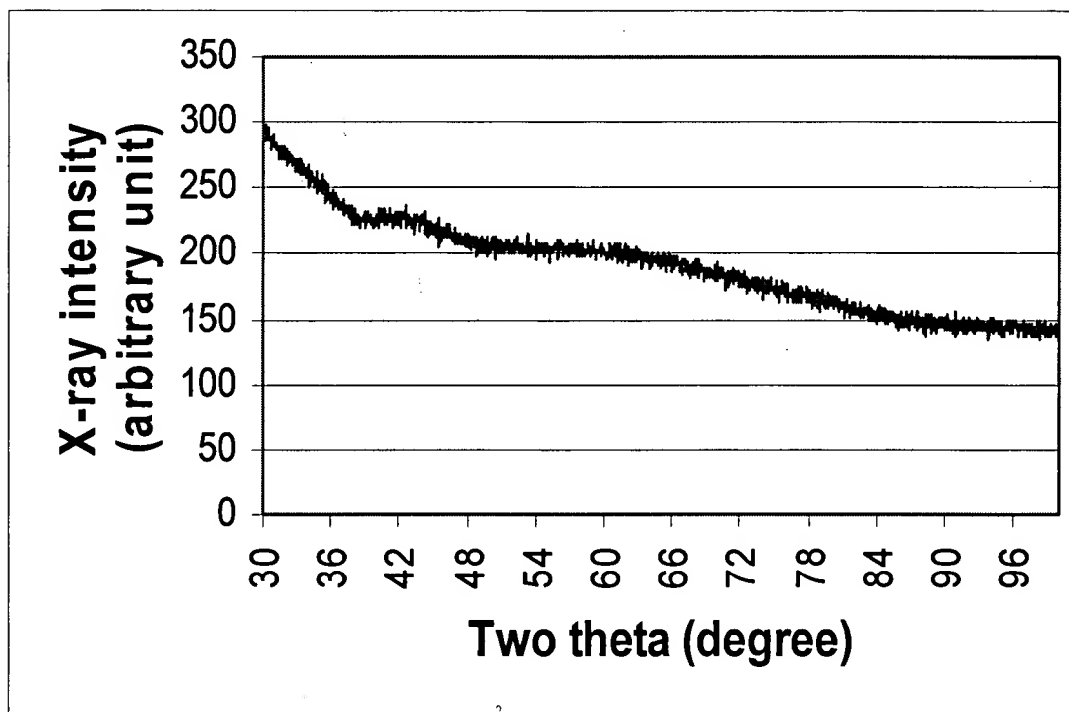


Fig. 3: X-ray diffraction pattern of 400 Å NiNb films deposited on glass substrates.

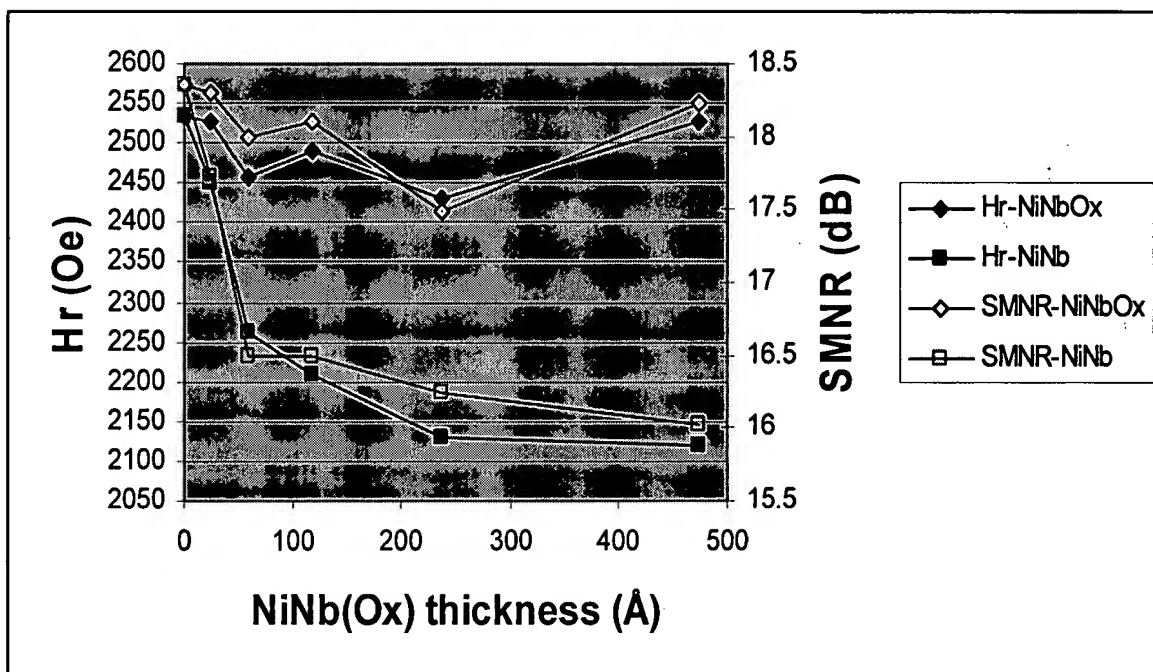


Fig. 4: Hr and SMNR dependence on NiNb thickness of the media with surface-oxidized NiNb sealing layers (NiNbOx) and non-oxidized NiNb sealing layers.

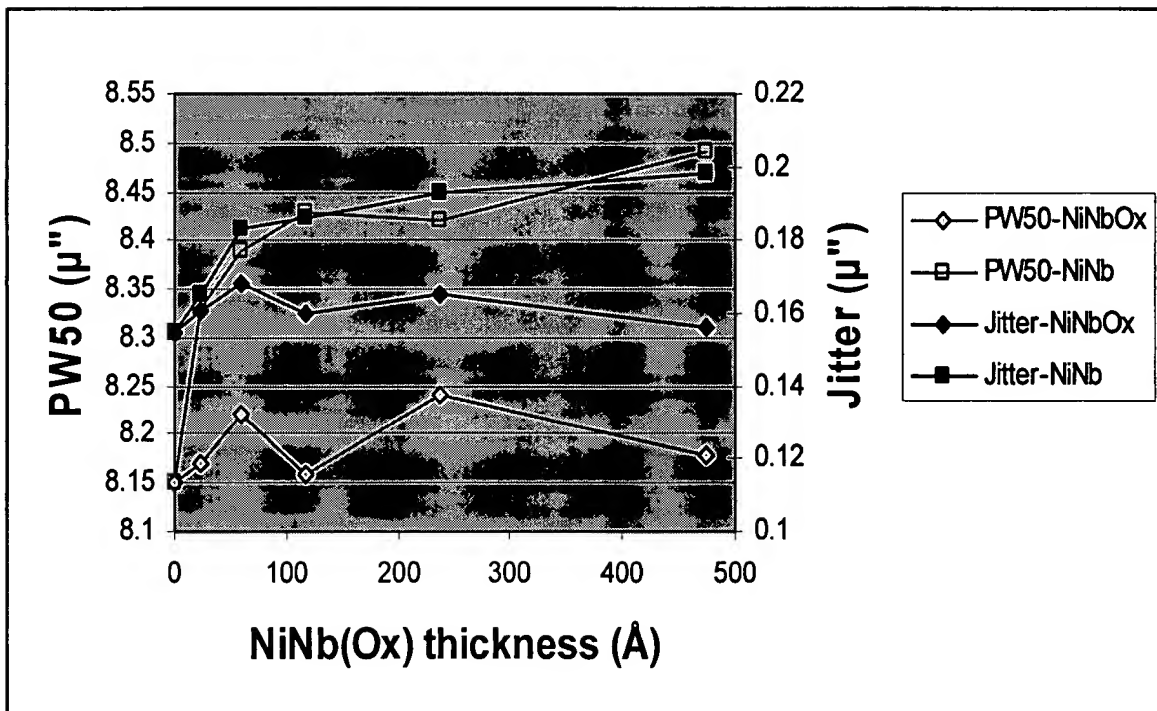


Fig. 5: PW₅₀ and jitter dependence on NiNb thickness of the media with surface-oxidized NiNb sealing layers (NiNbOx) and non-oxidized NiNb sealing layers.

99504-7518
#1611

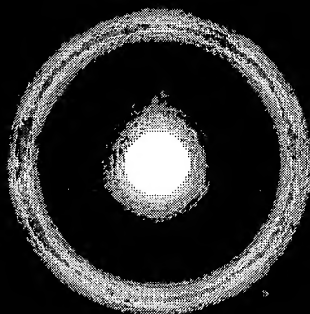


Fig. 6: TEM diffraction pattern of 400Å NiNb films deposited on glass substrates.